

Based on Form PTO-1449
(3/90)

ATTY. DOCKET NO.

SERIAL NO.

674519-2011.1

10/674,892

LIST OF REFERENCES CITED BY APPLICANT

(Use several sheets if necessary)

APPLICANT

Reed et al.

FILING DATE

September 30, 2003

GROUP

1614

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
BB	AA	4,340,602	07/20/82	Brooks	—	—	
	AB	4,668,668	05/26/87	Brooks et al.	—	—	
	AC	4,937,237	06/26/90	Holt et al.	—	—	
	AD	5,281,587	01/25/94	Reed	—	—	
	AE	5,344,827	09/06/94	Reed	—	—	
	AF	5,604,215	02/18/97	Reed et al.	—	—	
	AG	5,616,574	04/01/97	Reed et al.	—	—	
BB	AH	5,677,292	10/14/97	Li et al.	—	—	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
BB	AI	GB 1398026	06/18/75	Great Britain	—	—		
	AJ	DE 114806	08/20/75	Germany	—	—		
	AK	FR 2133484	12/01/72	France	—	—		
	AL	EP 0 403 185	12/19/90	Europe	—	—		
BB	AM	AU 645975	02/03/94	Australia	—	—		

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

BB	AN		Cushman et al., "Synthesis, Antitubulin and Antimitotic Activity, and Cytotoxicity of Analogs of 2-Methoxyestradiol, and Endogenous Mammalian Metabolite of Estradiol that Inhibits Tubulin Polymerization by Binding to the Colchicine Binding Site," Journal of Medicinal Chemistry, vol. 38, no. 12, June 9, 1995, pp. 2041-2049
	AO		Dorfman et al., Acta Endocrinol. 1966, 52, 619-26
	AP		Elger et al., "Novel oestrogen sulfamates: a new approach to oral hormone therapy," Exp Opin Invest Drugs 7(4):575-89 (1998)
	AQ		Elger et al., "Sulfamates of Various Estrogens are Prodrugs with Increased Systemic and Reduced Hepatic Estrogenicity at Oral Application," J. Steroid Biochem. Molec. Biol., vol. 55, no. 3/4, pp. 395-403 (1995)
	AR		Fishman et al., "Studies on the Directive O-Methylation of Catechol Estrogens," Journal of the American Chemical Society, vol. 89, no. 26, 1967, pp. 7147-7149
	AS		Haddow et al., Brit. Med. J., ii, 393, 4368-73 (1944)
BB	AT		Hejaz et al., J. Mol. Chem., 1999, 42, 3188-92

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	APPLICANT Reed et al.	
	FILING DATE September 30, 2003	GROUP 1614

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
BB	AU	5,705,495	01/06/98	Schwartz et al.	—	—	
↓	AV	6,011,024	01/04/00	Reed et al.	—	—	
↓	AX	6,187,766	02/13/01	Reed et al.	—	—	
BB	AY	6,476,011	11/05/02	Reed et al.	—	—	
	AZ						
	BA						
	BB						
	BC						

FOREIGN PATENT DOCUMENTS								
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
BB	BD	WO 93/05064	03/18/93	WIPO	—	—		
↓	BE	CA 2196678	02/22/96	Canada	—	—		
↓	BF	GB 2331988	06/09/99	Great Britain	—	—		
↓	BG	WO 97/14712	04/24/97	WIPO	—	—		
BB	BH	WO 98/24802	06/11/98	WIPO	—	—		

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)			
BB	BI		Howarth et al., J. Med. Chem., vol. 37 (1994), pp. 219-221
↓	BJ		Ingle et al., (1981). N. Engl. J. Med., 304, 16-21
↓	BK		Li et al., Steroids: Structure, Function, and Regulation., US Elsevier Science Publishers, New York, NY. vol. 63, no. 7-8, July 1998. (XP004134764)
↓	BL		Lovely et al., "2-(Hydroxyalkyl)estradiols: Synthesis and Biological Evaluation," Journal of Medicinal Chemistry, vol. 39, no. 9, April 26, 1996, pp. 1917-1923
↓	BM		Nathanson & Kelley, N. Eng. J. Med., 246, 135-145 (1952)
BB	BN		Peters et al., "Analogues of ((Triethylsilyl)ethynyl)estradiol as Potential Antifertility Agents," Journal of Medicinal Chemistry, vol. 31, no. 3, 1988, pp. 572-576

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	BP						

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		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
BB	BQ	WO 99/33858	07/08/99	WIPO	—	—		
↓	BR	EP 0 934 949	08/11/99	Europe	—	—		
↓	BS	WO 99/03876	01/28/99	WIPO	—	—		
BB	BT	DE 4429398	02/15/96	Germany	—	—		
	BU							

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

BB	BV		Purohit et al., Biochemistry Vol. 34, No. 36, pp-11508-11514 (1995)
	BW		Purohit et al., Biochem. Biophys. Res. Comm., vol. 261, pages 214-217, 1999. (XP002121930).
	BX		Purohit et al., "In vivo inhibition of oestrone sulphatase and dehydroepiandrosterone sulphatase by oestrone-3-O-sulphamate," Int J. Cancer 63(1):106-11 (1995)
	BY		Purohit et al., J. Steroid. Biochem. Molec. Biol., vol. 68, pages 129-135, 1999. (XP000852538)
	BZ		Purohit et al., Journal of Endocrinology., vol. 150, pages S65-S71, 1996. (XP002054919)
	CA		Purohit et al., J. Steroid. Biochem. Molec. Biol., vol. 64, no 5-6, pages 269-275, 1998. (XP000852568)
	CB		Purohit et al., J. Steroid. Biochem. Molec. Biol., vol. 69, pages 227-238, 1999. (XP000852540)
	CC		Reed et al., J. Steroid. Biochem. Molec. Biol., vol. 53, no. 1-6, pages 413-420, June 1995. (XP002121931)
	CD		Rajan et al., "Estrogen Effects on NADH Oxidase and Superoxide Dismutase in Prepubertal Female Rats," Steroids, vol. 40, no. 6, 1982, pp. 651-660
	CE		Schwarz et al., Pharmazie, Vol. 30 (1975), pp. 17-21
	CF		Schwarz et al., "Synthesis of Estrogen Sulfamates: Compounds with a Novel Endocrinological Profile," Steroids, vol. 61, no. 12, Dec. 1996, pp. 710-717
↓	CG		Simons, M.H., "Regulation and Inhibition of Oestrone Sulphatase Activity" Pharmaceutisch Weekblad, 131, 19, 1996. (XP000852580) (English translation)
BB	CH		Simons M.H., Pharmaceutisch Weekblad., vol. 131, no. 19, pages 549-550, 1996. (XP000852580)

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	CI						

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							YES	NO
	CJ							
	CK							

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

BB	CL		Stewart et al., 1980. In: Breast Cancer: experimental and clinical aspects. Mouridsen and Palshof (eds). Oxford, Pergamon Press p83-88
	CM		Townesley et al., Research Steroids, Vol. 5 (1973), pp. 73-78.
	CN		Townesley, J.D., "Further Studies on the Regulation of Human Placental Steroid 3-Sulfatase Activity", Endocrinology, vol. 93, No. 1, 1973, pp. 172-181
	CO		White et al., Principles of Biochemistry, Sixth Ed. 1978, p 311
	CP		"Erythrocytes as a drug carrier - Investigations with selected estrogens for loading following oral administration, Natural Science Faculty, Science, Council, Martin-Luther Universität Halle-Wittenberg, Germany, August 1989 (hereinafter "the Claussen Dissertation").
	CQ		"ANIMAL EXPERIMENTAL CONTRIBUTION TO THE DEVELOPMENT OF ESTROGENIC SUBSTANCES" (hereinafter "the Stölzer Dissertation"), Dissertation for award of Doctor of Science degree at the Mathematic-Naturwissenschaftlich-Technischen faculty of Friedrich-Schiller-University Jena, July 1989
	CR		Woo et al., "Active Site Directed Inhibition of Estrone Sulfatase by Nonsteroidal Coumarin Sulfamates", J. Med. Chem., vol. 39, No. 7, Mar. 29, 1996, pp. 1349-1351
	CS		WPI AN 90-377906. Y. Lo et al. 1990.
	CT		"Tierexperimenteller Beitrag zur Entwicklung Estrogener Wirkstoffe." Dissertation zur Erlangung des akademischen Grades eines Doktors der Wissenschaften an der Mathematisch-Naturwissenschaftlich-Technischen Fakultät des Wissenschaftlichen Rates der Friedrich-Schiller-Universität Jena. Wolfgang Stölzner, Jena, Germany, Aug. 1988.
	CU		"Erythrozyten als Arzneimittelträger-Untersuchungen mit ausgewählten Estrogenen zur Beladung nach oraler Gabe," Dissertation B zur Erlangung des akademischen Grades eines Doktors der Wissenschaften, Der Fakultät für Naturwissenschaftlichen Rates der Martin-Luther-Universität Halle-Wittenberg. Claus Claussen, Jenna, Germany, Aug. 1989
	CV		Zeitschrift Fur Chemie, vol. 14, No. 1, 1974, pp. 219-221
	CW		Zeitschrift Fur Chemie, vol. 14, No. 1, 1974, pp. 15-16
BB	CX		Chemical Abstracts, vol. 107, no. 21, Nov. 23, 1987
BB	CY		Chemical Abstracts, vol. 68, no. 1, Jan. 1, 1968

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U.S. PATENT DOCUMENTS

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BB	AA	5,281,587	1/25/1994	Reed	—	—	
	AB	5,344,827	9/6/1994	Reed	—	—	
	AC	5,512,557	4/30/1996	Collins	—	—	
	AD	5,604,215	2/18/1997	Reed	—	—	
	AE	5,616,574	4/1/1997	Reed	—	—	
	AF	5,830,886	11/3/1998	Reed	—	—	
	AG	5,861,390	1/19/1999	Reed	—	—	
	AH	5,891,620	4/6/1999	Reed	—	—	
	AI	6,011,024	1/4/2000	Reed	—	—	
	AJ	6,017,904	1/25/2000	Reed	—	—	
	AK	6,083,978	7/4/2000	Reed	—	—	
	AL	6,159,960	12/12/2000	Reed	—	—	
	AM	6,187,766	2/13/2001	Reed	—	—	
	AN	6,239,169	5/29/2001	Reed	—	—	
	AO	6,339,079	1/15/2002	Kasch	—	—	
	AP	6,384,193	5/7/2002	Reed	—	—	
	AQ	6,476,011	11/5/2002	Reed	—	—	
	AR	6,506,792	1/14/2003	Reed	—	—	
	AS	6,642,220	11/4/2003	Reed	—	—	
	AT	6,642,397	11/4/2003	Reed	—	—	
	AU	6,653,298	11/25/2003	Potter	—	—	
	AV	6,670,353	12/30/2003	Reed	—	—	
	AW	6,676,934	1/13/2004	Reed	—	—	
	AX	6,677,325	1/13/2004	Reed	—	—	
	AY	6,858,597	2/22/2005	Reed	—	—	
	AZ	6,903,084	6/7/2005	Reed	—	—	
	BA	6,921,776	7/26/2005	Reed	—	—	
	BB	6,949,561	9/27/2005	Reed	—	—	
V	BC	7,067,503	6/27/2006	Potter	—	—	
BB	BD	7,078,395	7/18/2006	Reed	—	—	

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BB	BE	11/329,982	1/11/2006	Potter	—	—	
	BF	11/368,367	3/3/2006	Potter	—	—	
	BG	11/400,791	4/7/2006	Reed	—	—	
	BH	11/406,079	4/18/2006	Reed	—	—	
	BI	2002-0055462	5/9/2002	Reed	—	—	
	BJ	2002-0128243	9/12/2002	Reed	—	—	
	BK	2002-0193444	12/19/2002	Potter	—	—	
	BL	2003-0162752	12/20/2002	Reed	—	—	
	BM	2003-0225051	12/4/2003	Potter	—	—	
	BN	2004-0009959	1/15/2004	Potter	—	—	
	BO	2004-0019016	1/29/2004	Potter	—	—	
	BP	2004-0166090	8/26/2004	Packham	—	—	
	BQ	2005-0014776	1/20/2005	Potter	—	—	
	BR	2005-0124643	6/9/2005	Reed	—	—	
	BS	2005-0154050	7/14/2005	Reed	—	—	
	BT	2006-0074060	4/6/2006	Vicker	—	—	
	BU	2006-0089340	4/27/2006	Kasch	—	—	
	BV	2006-0094696	5/4/2006	Leese	—	—	
BB	BW	2006-0122161	6/8/2006	Reed	—	—	
	BX	2006-0142360	6/29/2006	Potter	—	—	

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							YES	NO

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

BB	BY		Purohit et al. "The Development of A-ring Modified Analogues of Oestrone-3-O-sulphamate as Potent Steroid Sulphatase Inhibitors with Reduced Oestrogenicity" J. Steroid Biochem. Molec. Biol. 1998, 64(5-6):269-275.

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